(19) World Intellectual Property Organization International Bureau



| COLUM | CULTUR | | COLUM | C

(43) International Publication Date 30 June 2005 (30.06.2005)

PCT

(10) International Publication Number WO 2005/059037 A1

(51) International Patent Classification⁷: C12Q 1/68, G01N 33/58

C09B 11/12,

(21) International Application Number:

PCT/EP2004/014199

(22) International Filing Date:

14 December 2004 (14.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0329161.4

161.4 16 December 2003 (16.12.2003) GE

- (71) Applicant (for all designated States except US): PRE-CISENSE A/S [DK/DK]; Dr. Neergaards Vej 3, DK-2970 Hørsholm (DK).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): NORRILD, Jens, Christian [DK/DK]; Carl Plougs Vej 26, DK-3460 Birkeroed (DK). LAURSEN, Bo, Wegge [DK/DK]; Munksoegaard 69, DK-4000 Roskilde (DK).
- (74) Agent: HATT, Anna, L.; Beck Greener, Fulwood House, 12 Fulwood Place, London WC1V 6HR (GB).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

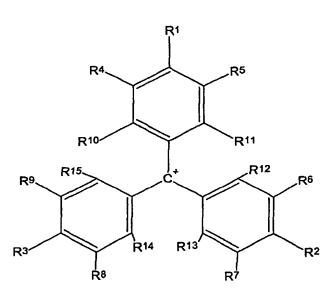
- with international search report
- with amended claims and statement

Date of publication of the amended claims and statement:

15 September 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: REAGENT FOR DETECTING AN ANALYTE



(57) Abstract: A reagent for use in detecting an analyte comprises a fluorescent energy donor and an energy acceptor, wherein the energy acceptor is of the general formula (I) and wherein the distance between the energy donor and the energy acceptor of the reagent is capable of modulation by a suitable analyte to be detected.

(l)